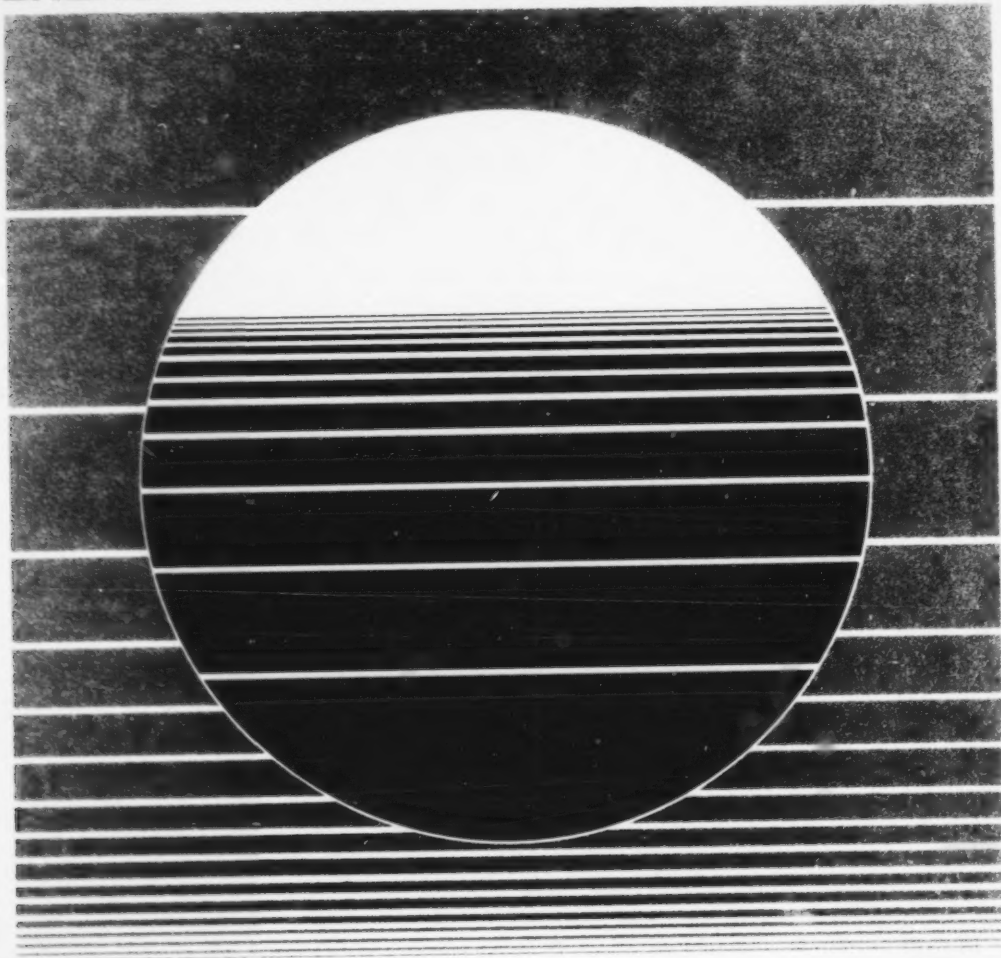


1986 ENERGY AND MINES BIBLIOGRAPHY

ENERGY AND MINES INFORMATION CENTRE



Manitoba
Energy and Mines
Communications and
Community Relations



86-03470/

INTRODUCTION

In 1980, the Manitoba Energy and Mines opened the Energy Information Centre with a commitment to helping Manitobans find energy answers. Since that time the Centre has provided Manitoba homeowners, business people, educators and students with practical information on the efficient and economical use of energy.

In 1984, with the consolidation of the Department's Energy and Mines Divisions, the Information Centre expanded its capability to include minerals and mining information. With this change in direction came a corresponding new name, the ENERGY AND MINES INFO CENTRE.

The Info Centre retains its traditional stock of energy information ranging from home energy upgrading, alternative fuels and industrial energy conservation to Government grants and loans. Now, in addition, the Centre has available selected publications on the history and location of Manitoba minerals and mining operations.

For easy reference, the Centre has compiled this Energy and Mines Bibliography of all publications and brochures available at the Centre. Categorized by subject area -- such as hydro power, non-renewables, minerals, home heating and transportation -- each publication is listed alphabetically by name.

Due to limited quantities of many publications, bulk orders and out-of-province requests should be directed to the source (see Appendix C). The Centre has also established a lending policy for certain reference publications. All inquiries and arrangements can be made by contacting the Energy and Mines Information Centre.

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AGRICULTURE:

AGRICULTURAL AIR TO AIR HEAT EXCHANGER. Manitoba Energy and Mines (1985) 51 p + Appendix.

The final report of an agricultural air to air heat exchanger installed in a livestock barn to test heat recovery and improved health conditions for animals.

Project #44 (83 - 163) of the Manitoba/Canada Conservation & Renewable Energy Agreement.

ALCOHOL FUELS FROM AGRICULTURE - A DISCUSSION PAPER. Agriculture Canada. - Engineering & Statistical Research Institute. (1980) 85 p.

The opportunities and constraints surrounding the production and use of alcohol fuels in Canada.

FARM BUILDING AIR TO AIR HEAT EXCHANGER. Manitoba Energy and Mines. (1984) 1 p.

The installation of an air to air heat exchanger in a livestock barn to demonstrate heat recovery and improved health conditions for animals.

Project #44 (83-163) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

FARM BUILDING INSULATION. Manitoba Hydro. (1980) 22 p.

Insulation and ventilation of agricultural buildings.

FARM-SCALE PRODUCTION AND USE OF FUEL ALCOHOL: OPPORTUNITIES AND PROBLEMS. Agriculture Canada. - Communications Branch. (1980) 9 p. (English and French)

The opportunities and potential problems of producing and storing fuel alcohol (ethanol).

FARMSTEAD PLANNING. Agriculture Canada. - Communications Branch. (1979) 17 p.

Factors to consider when expanding or building a farmstead.

BIOMASS & ALTERNATE ENERGY:

BIOENERGY: THE F.I.R.E. STORY. Energy, Mines and Resources Canada (1984)
32 p.

A summary of projects funded under the Forest Industry Renewable Energy program.

CANADIAN ALTERNATE FUELS. Biomass Research Institute. (1983) 32 p.

An outline of various alternate fuels presently being developed in Canada.

ENERGY CROPS - WHAT LITTLE WE KNOW. Agriculture Canada. - Engineering & Statistical Research Institute. (1981) 14 p.

The feasibility of developing agricultural crops specifically for energy use.

EXPLORING ENERGY 2 - BIOENERGY. Energy, Mines and Resources Canada (1984)
21 p.

Bioenergy resources and their technologies in Canada.

EXPLORING ENERGY 3 - GEOTHERMAL ENERGY. Energy, Mines and Resources Canada (1983) 21 p.

An outline of Canada's geothermal resources.

EXPLORING ENERGY 1 - WIND ENERGY. Energy, Mines and Resources Canada (1981)
20 p.

The potential of developing wind energy as a significant energy resource for Canada.

FACTS ON BIOENERGY. National Research Council. (1982) 7 p.

The production of methane from organic wastes with technical considerations and economic analysis.

GENSTAR CEMENT LIMITED USE OF AGRICULTURAL WASTES AS SUPPLEMENTARY KILN FUELS. Manitoba Energy and Mines. (1984) 2 p.

A project to determine the efficiency and feasibility of burning flax shives as a cement kiln fuel supplement.

Project #39 (82-145) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

COMMERCIAL, INDUSTRIAL & RECREATIONAL:

AGRICULTURAL WASTES AS CEMENT KILN FUELS: GENSTAR CEMENT LTD. Manitoba Energy and Mines (1985) 19 p.

The final report outlining the efficiency of using waste flax shives as a fuel to replace natural gas, at Genstar Cement Ltd., Winnipeg, Manitoba.

Project #39 (82-145) of the Manitoba/Canada Conservation & Renewable Energy Agreement.

ANNUAL ENERGY CONSUMPTION DATA ON APARTMENT BUILDINGS. B.R.N. #181. National Research Council (1982) 17 p.

Technical report on apartment building energy consumption.

COGENERATION AND WASTE HEAT RECOVERY. Manitoba Energy and Mines. (1982) 30 p. (approx.)

The final report of a study to determine the potential of developing industrial cogeneration and waste heat recovery in Manitoba.

Project #18 (81-52) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

COMMUNITY ARENA RETROFITS. Manitoba Energy and Mines. (1983) 1 p.

Six arenas throughout Manitoba will implement retrofit measures such as modified electrical control systems and waste heat recovery, to demonstrate the effectiveness of these conservation techniques to other community arenas.

Project #29 (82-119) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

COMPUTER CONTROLLED ENERGY MANAGEMENT SYSTEM: ROLLING RIVER SCHOOL DIVISION #39. Manitoba Energy & Mines (1985) 27 p.

The final report of a computerized energy management system installed at the Rolling River School Division.

Project #38 (82-144) of the Manitoba/Canada Conservation of Renewable Energy Agreement.

COMPUTERIZED ENERGY MANAGEMENT SYSTEM. Manitoba Energy and Mines. (1983)
1 p.

The installation of a computerized energy management system at the Rolling River School Division. Estimated annual energy savings \$35,600.00.

Project #38 (82-144) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

DEMAND AND ENERGY METERING. Manitoba Hydro (1984), 15 p.

An explanation of demand and energy metering and how it effects commercial, industrial and recreation facilities.

DEMONSTRATING ENERGY EFFICIENCY IN INDUSTRY: THE MANITOBA ROLLING MILLS EXPERIENCE. Manitoba Energy and Mines (1985) 6 p.

A general outline of the heat recovery unit and furnace control system installed at the Manitoba Rolling Mills Plant in Selkirk, Manitoba.

Project #28 (82-114) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

DESIGN GUIDELINES FOR ENERGY CONSERVATION IN SKATING RINKS AND ARENAS. Ontario Government Bookstore. (1979) 118 p. \$2.50

A guide for building skating rinks and arenas with energy efficient features incorporated in the architectural, mechanical and electrical design.

DIRECT CONTACT FLUE GAS HEAT RECUPERATOR. Manitoba Energy and Mines (1985)
30 p.

The final report of a waste heat recuperator system installed at the Winnipeg, Canada Packers plant.

Project #10 (81-71) of the Manitoba/Canada Conservation and Renewable Energy Agreement.

DIRECT CONTACT HEAT RECUPERATOR. Manitoba Energy and Mines. (1982) 1 p.

The installation of a heat recuperator for the purpose of using waste heat from boiler flue gases to heat recirculating water in the Winnipeg Canada Packers plant.

Project #10 (81-71) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

DISTRICT HEATING STUDY. Manitoba Energy and Mines. (1982) 1 p.

Phase Two of a study to determine the viability of district heating for downtown Winnipeg.

Project #13 (80-22) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

ELECTRIC MOTORS. Manitoba Hydro (1985) 22p.

The selection, operation and efficiency of electric motors.

ENERGY CONSERVATION FOR INDOOR ICE RINKS. Manitoba Energy and Mines/Energy, Mines and Resources Canada. (1984) 70 p.

A manual outlining indoor ice rink retrofits throughout Manitoba. Retrofits include general insulation, upgrading the ice plant, heating and ventilation system, plus the water, light and electrical systems.

ENERGY CONSERVATION FOR INDOOR POOLS. Manitoba Energy and Mines/Energy, Mines and Resources Canada. (1984) 65 p.

A manual, outlining indoor pool retrofits throughout Manitoba. Retrofits include general insulating and upgrading of heating, ventilating, lighting and electrical systems.

ENERGY CONSERVATION IN EXISTING ARENAS - THREE CASE STUDIES. Ontario Government Bookstore. (1979) 80 p. \$4.00

This study discusses four areas of arena retrofit: architectural, refrigeration, mechanical and electrical.

ENERGY MANAGEMENT FOR CANADIAN FOOD AND BEVERAGE INDUSTRIES. Agriculture Canada. - Communications Branch. (1981) 30 p.

A guide to energy conservation and management for the Canadian food and beverage industry.

ENERGY MANAGEMENT FOR HOTELS AND RESTAURANTS. Manitoba Hydro. (1983) 13 p.

Tips for reducing energy consumption in hotels and restaurants.

ENERGY RECOVERY FROM DRYERS. Manitoba Energy and Mines (1985) 19 p + Appendix.

The final report of a waste heat recovery system installed at the Winnipeg, Perth's Dry Cleaning plant.

Project #20 (81-81) of the Manitoba/Canada Conservation and Renewable Energy Agreement.

ENERGY RECOVERY FROM DRYERS. Manitoba Energy and Mines. (1982) 1 p.

The installation of a heat recovery system to preheat outside air with heat transferred from the filtered dryer exhaust system of the Perth's Dry Cleaning plant in Winnipeg, Manitoba.

Project #20 (81-81) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

ENERHOSP: ENERGY CONSERVATION FOR MANITOBA HEALTH CARE FACILITIES: Manitoba Energy and Mines/Energy, Mines and Resources Canada (1985) 137 p.

A manual outlining energy conservation measures to implement in health care facilities.

ENERHOSP FINAL REPORT: Manitoba Energy and Mines (1985) 61 p.

A report outlining eight Manitoba Health Care facilities which implemented energy conservation measures.

Project #46 (84-171) of the Manitoba/Canada Conservation & Renewable Energy Agreement.

ENER\$AVE FOR INDUSTRY AND COMMERCE, #1-10. Energy, Mines and Resources Canada. (1980) 10 booklets

A series of ten booklets directly related to energy conservation in the Commercial and Industrial Sector.

- #1 Guidebook/Index
- #2 Heating, Cooling & Lighting
- #3 Process Design & Heat Recovery
- #4 Production Optimization
- #5 Combustion Control
- #6 Steam & Compressed Air Management
- #7 Transportation & Delivery
- #8 Efficient People Moving
- #9 Office Practices
- #10 Employee Motivation & Participation

ENER\$AVE FOR MUNICIPALITIES: A GUIDE TO MUNICIPAL ENERGY SAVINGS.
Energy, Mines and Resources Canada. (1982) 10 booklets

- #1 Municipalities and Energy - An Introduction
- #2 Designing An Energy Management Program
- #3 Energy and Urban Planning
- #4 Auditing Municipal Energy Use
- #5 Financial Analysis of Conservation Measures
- #6 Saving Energy in Municipal Buildings
- #7 Saving Energy in Street Lighting
- #8 Saving Energy in the Vehicle Fleet
- #9 Energy and Urban Transportation
- #10 Municipal Energy Savings - Case Studies

ENERSCHOOL: ENERGY CONSERVATION FOR MANITOBA SCHOOLS. Manitoba Energy and Mines/Energy, Mines and Resources Canada. (1984) 61 p.

A manual outlining major and minor school retrofits throughout Manitoba. Retrofits include general insulation upgrading H.V. & A/C systems plus water, lighting and electrical systems.

ERICKSON ARENA WOOD BURNING FURNACE. Manitoba Energy & Mines (1985) 21 p.

The final report outlining the effectiveness of using wood as the primary heat source for the Erickson Arena.

Project #82-150 of the Manitoba/Canada Conservation & Renewable Energy Agreement.

FIRST STEPS TO ENERGY CONSERVATION FOR BUSINESS. Energy, Mines and Resources Canada. (1980) 21 p.

How to audit energy consumption and an energy checklist for businesses.

HEAT RECOVERY FROM COLD STORAGE UNIT. Manitoba Energy and Mines. (1982) 1 p.

To demonstrate how heat can be recovered from a refrigerator exhaust system to heat the dry storage, loading dock and underfloor of the cold storage area at the Westco Storage facility.

Project #24 (81-70) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

HOSPITAL RETROFITS - ENERHOSP. Manitoba Energy and Mines. (1984) 1 p.

A demonstration of six Manitoba hospitals and two personal care facilities which undertook various energy conservation retrofit measures. Expected total annual energy savings \$356,000.

Project #46 (84-171) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

MAJOR SCHOOL RETROFITS "ENERSCHOOL". Manitoba Energy & Mines. (1983) 1 p.

The development of a major school retrofit program for Manitoba schools. Retrofits include the installation of heat recovery systems and modifications to the electrical control systems and lighting.

Project #27 (83-151) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

MINOR SCHOOL RETROFITS "ENERSCHOOL". Manitoba Energy and Mines. (1983) 1 p.

The development of a minor retrofit program for Manitoba schools. Retrofits include the installation of heat recovery equipment, modifications to the electrical control system and lighting.

Project #27 (83-151) of the Manitoba/Canada Conservation and Renewable Energy Agreement.

THE NATIONAL ENERGY AUDIT PROGRAM: FOR INDUSTRY, COMMERCE AND INSTITUTIONS. Energy, Mines and Resources Canada. (1982) 1 p.

Background information on the Commercial and Industrial Energy Audit Program administered by the Federal and Provincial Governments.

OPERATING GUIDELINES FOR ENERGY CONSERVATION. Public Works Canada. (1982) 16 p.

A guideline for reducing energy consumption in commercial buildings through heating and cooling, ventilation and lighting.

OVEN EXHAUST HEAT PIPE - INVENTRONICS LTD. Manitoba Energy and Mines (1984) 1 p.

The installation of heat pipes (thermo siphons) on the oven hot, exhaust duct to preheat the incoming make-up air and to reduce fouling in the exhaust stream. Expected energy savings, 848 MCF natural gas annually.

Project #41 (83-158) of the Manitoba/Canada Conservation and Renewable Energy Agreement.

RECORDED ENERGY CONSUMPTION DATA ON OFFICE BUILDING. B.R.N. #182. National Research Council (1982) 10 p.

A technical report to determine total energy consumption in office buildings across Canada.

RECORDED ENERGY CONSUMPTION IN SCHOOL BUILDINGS. B.R.N. #180. National Research Council (1982) 40 p. (approx.)

A technical report to determine total energy consumption of schools across Canada.

REFRIGERATION HEAT RECLAIM: MANCO DAIRY, DAUPHIN, MANITOBA. Manitoba Energy & Mines (1985) 23 p.

The final report of a refrigeration waste heat recovery system installed at the Manco Dairy in Dauphin, Manitoba.

Project #48 (83-181) of the Manitoba/Canada Conservation & Renewable Energy Agreement.

REFRIGERATION WASTE HEAT RECOVERY - WESTCO STORAGE LTD. Manitoba Energy and Mines. (1984) 25 p.

The final report of a heat recovery system installed at Westco Storage. Heat is recovered from the refrigerator exhaust system and used to heat the dry storage area, loading dock and underfloor of the cold storage area.

Project #24 (81-70) of the Manitoba/Canada Conservation and Renewable Energy Agreement.

REHEAT FURNACE ENERGY CONSERVATION. Manitoba Energy and Mines. (1983) 1 p.

A study conducted at Manitoba Rolling Mills to determine the most cost effective method of reducing energy consumption.

Project #28 (82-114) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

RURAL ARENA RETROFIT. Manitoba Energy and Mines (1985) 82 p + Appendix

A final report outlining six Recreation Centre retrofits performed throughout Manitoba. Report includes retrofit options, conclusions and recommendations.

Project #29 (82-119) of the Manitoba/Canada Conservation & Renewable Energy Agreement.

SMALL SCALE ENERGY DEMONSTRATION PROGRAM. Manitoba Energy & Mines (1985).

The final report of 66 energy conservation and renewable energy projects funded under the S.S.E.D.P. Report contains project summaries which provide a description and economic analysis of each project.

Project #32 (82-122) of the Manitoba/Canada Conservation & Renewable Energy Agreement.

STUDY INTO THE ECONOMIC VIABILITY OF DISTRICT HEATING FOR THE CENTRAL AREA OF THE CITY OF WINNIPEG, VOLUME 1, PART 1, SUMMARY. Manitoba Energy & Mines (1985) 62 p.

A general summary of a study to determine the economic viability of district heating for central Winnipeg.

Project #13 (80-22) of the Manitoba/Canada Conservation & Renewable Energy Agreement.

STUDY OF COGENERATION AND WASTE HEAT UTILIZATION IN MANITOBA. Manitoba Energy and Mines. (1982) 1 p.

A study to determine the potential of developing industrial cogeneration and waste heat recovery in Manitoba.

Project #18 (81-52) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

TOWN ENERGY AUDIT MATCH (T.E.A.M.). Manitoba Energy & Mines (1985) 68 p + Appendix.

A final report of the Town Energy Audit Match between Pinawa and Stonewall. The residential, commercial, municipal, institutional sectors were all considered.

Project #83-153 of the Manitoba/Canada Conservation & Renewable Energy Agreement.

URBAN RECREATION CENTRE RETROFIT. Manitoba Energy and Mines. (1983) 1 p.

Four recreation centres throughout Manitoba have implemented retrofit measures such as waste heat recovery, sealing and energy efficient lighting to reduce overall energy consumption and to demonstrate these techniques to similar recreation facilities.

Project #31 (82-127) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

URBAN RECREATION RETROFIT. Manitoba Energy & Mines (1985) 59 p.

The final report outlining retrofit measures implemented at four Manitoba recreation centres: Thompson, Brandon, Flin Flon and the Pan Am Pool in Winnipeg.

Project #31 (82-127) of the Manitoba/Canada Conservation & Renewable Energy Agreement.

WASTE HEAT RECOVERY. Manitoba Energy and Mines. (1982) 1 p.

To recover waste heat produced by the refrigeration system for use in space heating the Elm Creek Curling Club.

Project #11 (81-55) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

WASTE HEAT RECOVERY. Manitoba Energy and Mines. (1982) 1 p.

Waste heat from the Portage la Prairie Curling Rink is recovered, to heat shopping mall, curling rink, viewing area and hotel.

Project #34 (82-121) of the Manitoba/Canada Conservation and Renewable Energy Agreement.

WASTE HEAT RECOVERY - ELM CREEK CURLING CLUB. Manitoba Energy and Mines. (1983) 10 p.

The final report of the waste heat recovery system installed in the Elm Creek Curling Club.

Project #11 (81-55) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

WASTE HEAT RECOVERY HEAT PIPE INVENTRONICS LTD. Manitoba Energy & Mines (1985) 7 p.

The final report of the waste heat recovery system installed at Inventronics Ltd., a Manitoba manufacturer of sheet metal products.

Project #41 (83-158) of the Manitoba/Canada Conservation and Renewable Energy Agreement.

WASTE HEAT RECOVERY - MANCO DAIRY. Manitoba Energy & Mines (1985) 1 p.

A test to determine the energy savings of installing heat recovery equipment at Manco Dairies.

Project #48 (83-181) of the Manitoba/Canada Conservation and Renewable Energy Agreement.

WASTE HEAT RECUPERATOR: MANITOBA ROLLING MILLS. Manitoba Energy & Mines
(1985) 21 p. + Appendix.

The final report of a waste heat recuperator installed at the
Manitoba (Steel) Rolling Mill in Selkirk, Manitoba.

Project #28 (82-114) of the Manitoba/Canada Conservation and
Renewable Energy Agreement.

WESTWARD MALL PERFORMANCE ANALYSIS, PORTAGE LA PRAIRIE. Manitoba Energy &
Mines (1985) 35 p.

The final report of a waste heat recovery system installed at the
Portage la Prairie curling rink to provide space heating for the
Westward Shopping Mall, curling rink viewing area and local hotel.

Project #34 (82-121) of the Manitoba/Canada Conservation and
Renewable Energy Agreement.

WINNIPEG DISTRICT HEATING STUDY PHASE I. Manitoba Energy and Mines.
(1984) 100 p.

The City of Winnipeg District Heating Study - Final Report Phase 1.

Project #13 (80-22) of the Manitoba/Canada Conservation and
Renewable Energy Agreement.

ENERGY EDUCATION:

ENERGY MANAGEMENT FOR THE FUTURE - A SOURCE BOOK OF IDEAS AND ACTIVITIES FOR ENERGY CONSERVATION LEARNING PROGRAMS. Energy, Mines and Resources Canada. (1980) 127 p.

A teacher's guide outlining energy management for all grade levels and subject areas.

FORT WHYTE CENTRE FOR ENVIRONMENTAL EDUCATION. Manitoba Energy and Mines. (1982) 1 p.

Low energy design techniques have been incorporated into the construction of the Fort Whyte Centre for Environmental Education to promote energy efficient construction.

Project #35 (82-102) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

GEOLOGY AND MINING:

ANNUAL REPORT OF THE MINERAL RESOURCES DIVISION 1983-84. Manitoba Energy and Mines. (1985) 44 p.

Annual report of the division for the fiscal year ending March 31, 1983. Report contains a descriptive and statistical record of activities and achievements in the mineral resource sector.

CANADA-MANITOBA MINERAL DEVELOPMENT AGREEMENT. Energy, Mines & Resources Canada and Manitoba Energy & Mines (1985) 24 p. Bilingual

Details of an agreement made by Federal and Provincial governments, on April 18, 1984, to assist Manitoba's mineral industry in becoming more productive and competitive. Under the 5-year agreement, geoscientific studies, technological research and development of new products and markets will be undertaken.

CANADA/MANITOBA MINERAL DEVELOPMENT AGREEMENT - FIRST ANNUAL REPORT 1984-85. Energy, Mines & Resources Canada, Manitoba Energy & Mines (1985) 14 p. Bilingual.

Review of the first year of the Canada-Manitoba mineral development agreement with a description of each of the four sectors under the agreement - geoscientific studies; mining and mineral technology research and development; development studies and public information, evaluation and administration.

COPPER & ZINC IN MANITOBA. Educational Series ES80-2. Manitoba Energy & Mines (1985) 22 p.

Information on occurrences, mining, uses and production of copper and zinc in Manitoba.

CROSS SECTION OF A METAL MINE AND MINERAL IDENTIFICATION CHART. Manitoba Energy & Mines (1985) 2 p.

Diagrammatic cross-section showing various aspects of underground mining and surface processing. Listing of minerals and characteristics to allow preliminary identification of common minerals, many of which are found in Manitoba.

DEVELOPING MANITOBA'S MINERAL RESOURCES. Energy, Mines and Resources Canada and Manitoba Energy & Mines (1985) 20 p.

Description of some activities launched under the Canada-Manitoba mineral development agreement. Resource assessment and market development of dimension stone projects are reviewed. Projects addressing the needs of Manitoba's non-ferrous metal industries to upgrade their technologies are also discussed.

GENERAL GEOLOGICAL MAP OF MANITOBA. Manitoba Energy & Mines (1980) 1 p.

Simplified breakdown of geological rock units of Manitoba, according to age.

GEOLOGICAL MAP OF MANITOBA. Map 79-2. Manitoba Energy and Mines. (1979)

Wall size map of Manitoba at a scale of 1:1 000 000. Depicts subdivision and distribution of rock types in the Phanerozoic and Precambrian regions of the province in 61 colored units.

GEOLOGICAL SERVICES AND MINES BRANCH PUBLICATION PRICE LIST. Manitoba Energy and Mines. (1986) 32 p.

Listing of Publications produced by the Geological Services Branch and Mines Branch. Publications describe the geology of the province and its mineral resource base and are of a technical nature, designed to assist the mining industry in mineral exploration.

GOLD MINES OF MANITOBA. Educational Series ES 80-1. Manitoba Energy and Mines. (1985) 16 p.

Provides information on former gold mines in Manitoba.

Funding provided under Manitoba/Canada Mineral Exploration and Development Agreement.

GYPSUM IN MANITOBA. Educational Series ES77-1. Manitoba Energy & Mines (1985) 8 p.

Information on occurrences, mining, uses and production of gypsum in Manitoba.

LIGNITE IN MANITOBA. Educational Series ES79-1. Manitoba Energy and Mines (1985) 8 p.

Provides information on past production and occurrences of lignite in Manitoba.

MANITOBA'S PRECAMBRIAN DRILL CORE LIBRARIES PROGRAM. Energy, Mines and Resources Canada and Manitoba Energy and Mines (1985) 19 p.

Description of drill core storage, acquisition policies and library system as conducted under the Canada-Manitoba mineral development agreement. Drill core holdings in The Pas, Thompson, Lynn Lake and Winnipeg are reviewed.

MINERAL MAP OF MANITOBA. Map 80-1. Manitoba Energy and Mines. (1980)
\$5.00 + P.S.T.

Wall size map of Manitoba at a scale of 1: 1 000 000. Depicts locations of metallic and industrial mineral properties on simplified geologic base, accompanied by index, listing the name(s) of the property and major commodities produced or in reserve. Areas of petroleum production are indicated and indexed by name of oil field or production area.

MINERALS OF MANITOBA VOLUME I: NON-METALLIC AND PEGMATITIC. Educational Series ES 78-1. Manitoba Energy and Mines (1978) 115 p. \$5.00

Summary of principal non-metallic minerals that can be seen and studies in outcrops, quarries or rock dumps in Manitoba. Numerous colour plates showing minerals and twenty-six locality maps.

MINERALS OF MANITOBA VOLUME II: METALLIC MINERALS. Educational Series ES 78-2. Manitoba Energy and Mines. (1979) 84 p. \$5.00

Summary of principal metallic minerals that can be seen and studied in outcrops, quarries or rock dumps in Manitoba. Numerous colour plates showing minerals and sixteen locality maps.

MINING IN MANITOBA. Educational Series ES80-3. Manitoba Energy and Mines (1985) 50 p.

Provides an overview of the history of mining in the province of Manitoba and deals with production of industrial minerals, fuels, metallic minerals and aggregates.

QUATERNARY GEOLOGY MAP OF THE BIRDS HILL AREA. MAP AR84-5. Manitoba Energy and Mines (1985). \$5.00 + p.s.t.

Wall size map of Birds Hill Provincial park and immediate vicinity at a scale of 1:20 000. Depicts glacial, glaciolacustrine and post-glacial deposits in 11 colours. Two cross sections show these units as they occur to a depth of 60 metres. Inset maps depict the history of deposition and position of Lake Agassiz beaches. A brief summary of the cultural history, physiography, deposit description and glacial history is accompanied by five full colour photographs.

SAND AND GRAVEL IN MANITOBA. Educational Series ES78-3. Manitoba Energy and Mines (1978) 11 p.

Provides information on uses and production of sand and gravel in Manitoba - occurrences and quarrying.

SURFICIAL GEOLOGICAL MAP OF MANITOBA. Map 81-1. Manitoba Energy and Mines. (1981) \$5.00 + P.S.T.

Wall size map of Manitoba at a scale of 1:1 000 000. Depicts the location and extent of quarternary deposits in the province. Summary of glacial history accompanied by diagrams illustrating stages of retreat of last ice sheets to cover area and the extent of lacustrine and marine sediments deposited during and immediately following the last deglaciation.

HEATING - RESIDENTIAL:

AIR-TO-AIR HEAT EXCHANGERS. Manitoba Hydro. (1983)

The principles and operation of air-to-air heat exchangers.

THE BILLPAYERS GUIDE TO HEATING SYSTEMS. Energy, Mines and Resources Canada. (1983) 81 p.

A guide to home heating systems; oil, gas, electricity, wood and conversion systems.

DOMESTIC CHIMNEYS AND GAS VENTS. National Research Council. (1981) 4 p.

The operation and maintenance of different types of domestic chimneys.

ELECTRIC HEATING EQUIPMENT AVAILABLE. Manitoba Hydro. (1981) 10 p.

Background information on all forms of electric heating, installation recommendations plus tips on converting a heating system to electricity.

ENERFACTS: HEAT PUMPS. Energy, Mines and Resources Canada. (1983) 1 p.

Operating principles of various types of residential heat pumps.

FRESH AIR DUCTS. Manitoba Hydro. (1983) 1 p.

How to install a fresh air duct into a forced air electric furnace, to provide a residence with adequate fresh air for controlling humidity.

GROUNDWATER HEAT PUMP. Manitoba Energy and Mines. (1982) 1 p.

To demonstrate the effectiveness of using a groundwater heat pump to reduce conventional heating costs in a residence.

Project #26 (82-107) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

HEAT RECOVERY VENTILATOR TESTING - PRELIMINARY RESULTS. Energy, Mines and Resources Canada (1985) 2 p.

The preliminary test results of 12 heat recovery ventilators for the R-2000 program.

HEATING & VENTILATION SYSTEMS. Manitoba Energy and Mines (1986).

(Available June 1986)

HEATING WITH WOOD: A HOMEOWNER'S GUIDE. Energy, Mines and Resources Canada. (1982) 16 p.

A guide for using wood as a heat source, including tips on selecting wood, plus sizing and installing wood heaters properly.

HOW DEGREE DAYS AFFECT HEATING BILLS. Manitoba Hydro. (1983) 1 p.

An explanation of degree days and how they affect energy consumption for heating.

IMPROVING FIREPLACE EFFICIENCY - THE WOOD AIRE SYSTEM. Canada Mortgage and Housing Corp. (1984) 4 p.

Test results of the wood aire fireplace heat recovery system.

INSTALLATION PRACTICE AND RELIABILITY OF ADD-ON HEAT PUMPS BRN #51. National Research Council (1985) 12 p.

A commentary on installation procedures and operational problems associated with residential add-on heat pumps.

PURCHASING AN ENERGY EFFICIENT GAS FURNACE. Energy Mines and Resources Canada (1983) 4 p.

An outline of residential gas heating systems, including type, features, efficiency and fuel savings.

RESIDENTIAL GROUNDWATER HEAT PUMPS (SMALL SCALE ENERGY DEMONSTRATION PROGRAM). Manitoba Energy and Mines (1985) 8 p.

The operation of residential groundwater heat pumps listing advantages and limitations.

RESIDENTIAL HEAT PUMPS. Manitoba Hydro. (1983) 3 p.

The operation and sizing of residential heat pumps.

THE SAFE USE OF SOLID FUEL-FIRED APPLIANCES. Manitoba Labour. (1983) 32 p.

Safety regulations for installing wood stoves, fireplaces and furnaces in Manitoba.

SELECTING A NEW FURNACE. Manitoba Energy and Mines. (1982) 16 p.

How to select a new gas furnace, including a comparison of conventional and energy efficient models and how to properly size the furnace.

SET BACK THERMOSTAT. Manitoba Hydro. (1981) 1 p.

The operation and benefits of installing a set back thermostat.

SOLPLAN 6 AN AIR EXCHANGER FOR ENERGY EFFICIENT WELL SEALED HOUSES. (1985)
24 p. \$6.95

Operational and installation requirements for air to air heat exchangers in residences.

SWITCHING TO ELECTRICITY. Energy, Mines and Resources Canada. (1982) 21 p.

Considerations to make when converting residential heating systems to electricity.

SWITCHING TO NATURAL GAS. Energy, Mines and Resources Canada. (1981) 16 p.

Considerations to make when converting your oil heating system to natural gas.

TIPS FOR MAINTAINING YOUR HEATING SYSTEM. Manitoba Hydro. (1983) 1 p.

General tips for maintaining an electric heating system.

A WOOD CHIP PRIMER. Government of New Brunswick, Queen's Printer. (1983)
11 p.

The principles of operating and maintaining a woodchip heating system.

HOME CONSTRUCTION:

AIR QUALITY MEASUREMENTS IN LOW-LEAKAGE HOUSES BRN #218 National Research Council. (1984) 25 p.

The results of 46 low energy homes tested for formaldehyde, nitrogen dioxide, radon and humidity levels.

AIRTIGHT HOUSES AND CARBON MONOXIDE POISONING. National Research Council. (1982) 4 p.

Causes and remedial measures of carbon monoxide poisoning in airtight houses.

BUILDING TO DOUBLE "E" STANDARDS. Manitoba Hydro (1984). 23 p.

Energy efficient housing standards developed by Manitoba Hydro and the Canadian Electrical Association.

CANADIAN WOOD-FRAME HOUSE CONSTRUCTION. Canada Mortgage and Housing Corporation. (1979) 261 p. \$3.00

Technical guide dealing with all aspects of wood frame house construction.

CHOOSING AN ENERGY EFFICIENT HOUSE. Canada Mortgage and Housing Corporation (1984). 49 p.

A guide for selecting an energy efficient house.

DESIGN AND CONSTRUCTION OF LOW ENERGY HOUSES IN SASKATCHEWAN. B.P.N. #30 National Research Council. (1982) 7 p.

The development of low energy housing on the Canadian Prairies.

DESIGN TECHNIQUES FOR SUPER ENERGY EFFICIENT HOUSING. Manitoba Hydro. (1984) 3 p.

An outline of recommended design considerations for construction super energy efficient homes.

DETAIL DRAWINGS FOR PRESERVED WOOD FOUNDATION. Canadian Wood Council. (1981) 24 p. \$1.20

A guideline of construction details for preserved wood foundations.

DETAILS OF HOUSE CONSTRUCTION. Canada Mortgage and Housing Corporation.
(1982) 1 p.

A poster illustrating technical details of house construction.

THE DIFFERENCE BETWEEN A VAPOUR BARRIER AND AN AIR BARRIER B.P.N. #54.
National Research Council (1985) 13 p.

Performance requirements and application of air barriers in typical residential construction.

EFFICIENT SEALANT FOR LOG HOUSES. Canada Mortgage and Housing Corporation.
(1983) 4 p.

Technical aspects for sealing log homes.

ENERGY CONSERVATION IN NEW SMALL RESIDENTIAL BUILDINGS. Canada Mortgage and
Housing Corporation (1981) 73 p. \$1.50

Recommendations for energy efficient house construction based on the publication "Measures for Energy Conservation in New Buildings".

ENERGY EFFICIENT HOUSING - A PRAIRIE APPROACH. Manitoba Energy and Mines.
(1982) 34 p.

Residential energy efficient home construction specific to the Canadian Prairie Provinces.

ENERGY EFFICIENT HOUSING - KENSINGTON HOMES, WINNIPEG. Manitoba Energy &
Mines. (1983) 45 p.

The Final Report of an energy efficient house, constructed by Kensington Homes, to demonstrate the cost effectiveness of a preserved wood foundation.

Project #17 (80-2) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

ENERGY EFFICIENT HOUSING - KENSINGTON HOMES - WINNIPEG. Manitoba Energy and
Mines. (1982) 1 p.

The construction of an energy efficient 1,865 sq. ft. home in Winnipeg, to demonstrate the cost effectiveness of a preserved wood foundation.

Project #17 (80-2) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY BERMED HOUSING. Manitoba Energy & Mines. (1982) 1 p.

A demonstration to determine the cost effectiveness and energy savings of a bermed or semi-underground dwelling in Shoal Lake, Manitoba.

Project #14 (81-54) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY BERMED HOUSING. Manitoba Energy & Mines. (1981) 1 p.

A demonstration to determine the cost effectiveness and energy savings of a bermed or semi-underground dwelling in Swan River, Manitoba.

Project #6 (80-5) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY BERMED HOUSING - CARROLL RESIDENCE, SWAN RIVER, MANITOBA. Manitoba Energy & Mines. (1983) 40 p.

The Final Report of a demonstration to determine the cost effectiveness and energy savings of a bermed or semi-underground dwelling in Swan River, Manitoba.

Project #6 (80-5) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY BERMED HOUSING - SHOAL LAKE, MANITOBA. Manitoba Energy & Mines. (1983) 51 p.

The Final Report of a demonstration to determine the cost effectiveness and energy savings of a bermed or semi-underground dwelling in Shoal Lake, Manitoba.

Project #14 (81-54) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY HOME DESIGNS. Alberta Agriculture. (1982) 94 p. \$2.00

Design guidelines and plans for energy efficient housing.

LOW ENERGY HOUSING - CHIMO - STEINBACH, MANITOBA. Manitoba Energy & Mines. (1983) 43 p.

The Final Report of an energy efficient house constructed in Steinbach, Manitoba, to demonstrate a 14" wall technique.

Project #15 (81-72) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY HOUSING - CHIMO - STEINBACH. Manitoba Energy and Mines. (1981)
4 p.

Energy efficient home construction demonstrating a low cost 14-inch wall technique.

Project #15 (81-72) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY HOUSING - FLAIR HOMES. Manitoba Energy and Mines. (1984) 46 p.

The final report of a low energy 1,050 sq. ft. home constructed to demonstrate energy efficient building techniques.

Project #3 (80-41) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY HOUSING - FLAIR HOMES WINNIPEG. Manitoba Energy and Mines. (1981) 1 p.

Construction of a low energy 1,050 sq. ft. home in Winnipeg, Manitoba by Flair Homes Ltd., to demonstrate the techniques incorporated in energy efficient house construction.

Project #3 (80-41) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY HOUSING - FLAIR 10 HOME DEMONSTRATION.

A demonstration to determine the effectiveness of the airtight drywall approach (ADA) in new home construction.

Project #45 (83-167) of the Manitoba/Canada Conservation and Renewable Energy Agreement.

LOW ENERGY HOUSING - MANITOBA HOMEBUILDERS ASSOCIATION. Manitoba Energy & Mines. (1981) 1 p.

The construction of a low energy house to demonstrate new building technologies to Manitoba homebuilders.

Project #12 (81-63) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY PRAIRIE HOUSING. B.P.N. #38. National Research Council. (1982) 10 p.

A technical report outlining building techniques incorporated in low energy houses constructed in the Prairie Provinces.

A NATIONAL CATALOGUE OF RESIDENTIAL ENERGY CONSERVING PRODUCTS AND SERVICES. Canadian Home Builders Association (1984) 226 p. \$3.50

A catalogue of energy conservation materials and services for new house construction and retrofitting.

A NEW APPROACH TO AFFORDABLE LOW ENERGY HOUSE CONSTRUCTION. Alberta Department of Housing (1984) 78 p. & Appendix.

A report of energy efficient homes constructed in Alberta which have incorporated the airtight drywall approach (ADA).

THERMAL ENVELOPE HOUSES. B.P.N. #31. National Research Council. (1982) 9 p.

The construction of thermal envelope houses plus advantages and limitations of this building technique.

WOOD BUILDINGS - LOG OR FRAME. B.R.N. #144. National Research Council. (1979) 11 p.

A comparison of log housing and conventional wood frame construction.

WOOD FRAME FOUNDATIONS. National Research Council. C.B.D. #234 (1984) 4 p.

An outline of design features incorporated into woodframe foundations.

HYDRO:

BRANDON GENERATING STATION. Manitoba Hydro 12 p.

An illustrated description of the Brandon Hydro Generating Station.

DORSEY MANITOBA HYDRO (1984) 11 p.

A description of Manitoba Hydro's Dorsey Converter Station located near Rosser, Manitoba.

GRAND RAPIDS. Manitoba Hydro. (1981) 20 p.

A description of Manitoba's Grand Rapids Generating Station.

A HISTORY OF HYDRO-ELECTRIC POWER IN MANITOBA. Manitoba Hydro. (1983) 24 p.

The history and development of Manitoba's hydro electric power system.

LIMESTONE GENERATING STATION: ACCOMMODATIONS AND SERVICES. Manitoba Jobs Fund (1985) 12 p.

A general guide to accommodation and other services provided at Sundance, Manitoba, the campsite developed for the Limestone generating station.

LIMESTONE GENERATING STATION: LABOUR AND JOBS. Manitoba Jobs Fund (1985) 12 p.

Occupations required at the Limestone generating station plus hiring procedures.

LIMESTONE GENERATING STATION: OUR ENERGY WORKING FOR MANITOBIANS NOW AND FOR GENERATIONS TO COME. Manitoba Jobs Fund (1985) 14 p.

A general guide to the Limestone development project outlining tendering procedures, training and employment opportunities and benefits to Manitoba.

LIMESTONE GENERATING STATION: PURCHASING POLICIES, CONTRACT OPPORTUNITIES AND ASSISTANCE PROGRAMS. Manitoba Jobs Fund (1985) 24 p.

A guide outlining contract opportunities and tendering procedures for the Limestone development project.

THE MANITOBA HYDRO ELECTRIC BOARD 34TH ANNUAL REPORT FOR THE YEAR ENDED
MARCH 31, 1985. Manitoba Hydro (1985) 30 p.

The 1984-85 Annual Report for Manitoba Hydro.

MANITOBA - THE HYDRO PROVINCE. Manitoba Hydro (1981) 1 p.

A colored map illustrating the present hydro electric generating stations and proposed sites in Manitoba.

MONTHLY ELECTRIC RATES. Manitoba Hydro (1983) 1 p.

Urban and rural electricity rates for Manitoba.

NATIONAL ENERGY BOARD REASONS FOR DECISION OF THE MANITOBA HYDRO ELECTRIC
BOARD. Minister of Supply and Services Canada (1985) 50 p.

An outline of reasons surrounding the National Energy Board's decision to licence Manitoba Hydro's application for exporting electricity to the Northern States Power Company of Minneapolis, Minnesota.

NELSON RIVER DC TRANSMISSION SYSTEM. Manitoba Hydro. (1977) 15 p.

An illustrated description of the Nelson River DC transmission system.

POWER FROM THE NORTH. Manitoba Hydro. (1983) 19 p.

A description of Manitoba's hydro electric generating stations along the Nelson and Churchill Rivers.

SELKIRK GENERATING STATION. Manitoba Hydro (1979) 12 p.

An illustrated description of the Selkirk Generating Station.

THE WINNIPEG RIVER. Manitoba Hydro (1980) 15 p.

An illustrated description of the Winnipeg River Generating Stations.

LOANS AND GRANTS:

BUSINESS C.H.E.C. Manitoba Energy and Mines. (1984) 1 p.

A provincial grant program aimed at businesses for reducing total energy consumption by at least 20%. The grant covers up to 50% of retrofit costs to a maximum of \$15,000.00.

BUY AND RENOVATE. Manitoba Housing (1984). 1 p.

An incentive for prospective Manitoba homebuyers. Reduced mortgage interest rates are offered for homes valued at \$35,000 or less which require at least \$10,000 for renovations.

COMMUNITY C.H.E.C. Manitoba Energy and Mines. (1984) 1 p.

A provincial grant program aimed at community facilities for reducing total energy consumption by at least 20%. The grant covers 50% of retrofit costs to a maximum of \$15,000.00.

CRITICAL HOME REPAIR PROGRAM. Manitoba Housing and Renewal Corporation. 1 p.

A Provincial incentive for home repairs for homeowners on low fixed incomes. Grants and loans are allocated according to the family or pensioners income. The potential total incentive for families is \$3,000 and for pensioners, \$1,500.

CUT HOME ENERGY COSTS LOAN PROGRAM. Manitoba Energy and Mines. (1984) 1 p.

A general outline of the Manitoba C.H.E.C. Loan Program for Residences.

CUT HOME ENERGY COSTS LOAN PROGRAM. Manitoba Energy and Mines. (1985)
28 p.

A detailed outline of residential conservation measures plus guidelines of the C.H.E.C. program.

ELECTRIC HEATING PROGRAM ALLOWANCES AND ASSISTANCE PLANS. Manitoba Hydro (1984). 1 p.

A \$200.00 incentive for homeowners converting to electricity from oil and retrofitting or building to double "E" standards.

ELECTRICAL MODERNIZATION PLAN. Manitoba Hydro (1980) 1 p.

An incentive administered by Manitoba Hydro to provide loans of up to \$2,000 to upgrade existing wiring for residences, farm and commercial customers.

ENERGY IDEAS SMALL SCALE ENERGY DEMONSTRATION PROGRAM. Manitoba Energy and Mines. (1984) 1 p.

An outline of conservation projects funded under the Manitoba, Small Scale Energy Demonstration Program.

CONSERVATION

St. Leon Rec. Centre Committee
South Interlake Regional Library
Westdale Community Centre
Birtle Curling Rink
COR Enterprises Ltd.
Village of Arborg
Leaf Rapids Town Properties Ltd.

ENERGY MANAGEMENT

Lac du Bonnet Regional Library
Y.M.C.A. - Metropolitan Wpg.

HEAT RECOVERY

Brookdale Community Club
Crystal City Community Centre
Deloraine/Winchester Arena
Killarney Curling Club
Winkler Arena
Austin Curling Rink
Birtle District Community Centre
Mr. Al Christie
Mr. Daniel Hofer
Notre Dame Recreation Centre
Grand Rapids Indian Band
Mr. Clarence Baker
St. Vital Curling Club

GROUNDWATER HEAT PUMPS

Mr. Guy Carrier
Mr. George Davis
Scriptam Industries (Western) Ltd.
Mr. A. Thompson
Mr. D.A. Samuels
Mr. Lee Waters
Mr. B. Arnason
Mr. D.R. Halligan
Mr. M. Doyle
Mr. R. Dennis
Mr. Stan Watkins
Mr. W. Arnason
Sutherland Supply
Mr. John Kalyta

SOLAR

Mr. Guy Dugas
Royal Canadian Legion
Manitou & Community Swimming Pool
Mr. Alex Ross
Meadows Community Club
Neepawa Municipal Swimming Pool
W.C.O. Project Relie Inc.
Mr. Gundars Runfelds
Naturas Inc.

SOLAR GREENHOUSE

Brandon General Hospital
Mr. J. Wilson
Mr. R.A. Fisher
Mr. R. Loeb
Mr. R. Campbell

MISCELLANEOUS
Arco Holdings
Mr. M. Ganczar

WOOD FURNACES
Dennis Walker
Mr. D. Ballageer

WIND
Mr. G. Dekker
Mr. & Mrs. A. Carriere
Mr. & Mrs. M. Klym
Wildon Resource Dev. Corp. Ltd.
Mr. W.R. Erickson
Maskwa Project
Mr. Kenneth Reynolds

ALTERNATE FUELS
Biomass Energy Institute Inc.
Mr. Allan Kennedy

GRAIN DRYING
Mr. N. Dashevsky

HOME C.H.E.C. UP. Manitoba Energy and Mines. (1984) 1 p.

A residential energy advisory service available to all Manitobans.

THE R-2000 HOME. Energy, Mines and Resources Canada. (1982) 2 p.

An incentive for Canadian home builders to develop energy efficient construction techniques. Sponsored by the Housing and Urban Development Association of Canada and Energy, Mines and Resources.

RESIDENTIAL REHABILITATION ASSISTANCE PROGRAM - HOMEOWNERS. Canada Mortgage and Housing Corporation. (1983) 1 p.

A grant or loan program for residential repairs. Qualifying applicants must reside in a designated area and meet income restrictions.

RESIDENTIAL REHABILITATION ASSISTANCE PROGRAM - LANDLORDS. Canada Mortgage and Housing Corporation. (1983) 1 p.

A grant for landlords of rental units located in designated areas. Funding covers basic improvements such as structural, electrical, heating and fire safety.

NUCLEAR:

ASSESSING THE CONCEPT. Atomic Energy of Canada Limited. 1 p.

The management and disposal of nuclear waste.

ATOMS AT YOUR SERVICE. Atomic Energy of Canada Limited. (1974) 20 p.

How nuclear energy is produced, its uses and types of reactors.

BRUCE GENERATING STATION DATA - UNITS 1-4. Ontario Hydro. (1979) 1 p.

Background information on the Bruce Generating Station located in Bruce Township, Ontario.

DARLINGTON GENERATING STATION. Ontario Hydro. (1981) 4 p.

Background information on the Darlington Generating Station located in Newcastle, Ontario.

DOUGLAS POINT NUCLEAR POWER STATION. Atomic Energy of Canada Limited. (1973) 1 p.

Background information on the Douglas Point Generating Station located near Kincardine, Ontario.

FUNDAMENTALS OF NUCLEAR POWER. Atomic Energy of Canada Limited. (1980) 16 p.

A basic understanding of the development and production of nuclear energy including a glossary of related terms.

HEAVY WATER. Atomic Energy of Canada Limited. (1979) 4 p.

The production and uses of heavy water.

LIVING WITH RADIATION. Atomic Energy of Canada Limited. (1981) 1 p.

A basic understanding of the different types of radiation.

MEASURING EARTHQUAKE ACTIVITY. Atomic Energy of Canada Limited. 1 p.

The importance of measuring earthquake activity throughout different parts of Canada for the safe disposal of nuclear wastes.

NUCLEAR FUEL WASTE. Atomic Energy of Canada Limited. 1 p.

Research and programs surrounding the disposal of nuclear fuel waste.

NUCLEAR REACTOR SAFETY. Ontario Hydro. (1980) 16 p.

Safety standards for nuclear generating stations.

PICKERING GENERATING STATION. Ontario Hydro. (1979) 4 p.

Background information on the Pickering Generating Station located near Toronto, Ontario.

UNDERGROUND RESEARCH LABORATORY. Atomic Energy of Canada Limited. (1981) 1 p.

The development of the underground research laboratory located near Lac du Bonnet, Manitoba.

VISITOR'S GUIDE - WHITESHELL NUCLEAR RESEARCH STATION. Atomic Energy of Canada Ltd. (1982) 1 p.

A brief description of the Whiteshell Nuclear Research Station located in Pinawa, Manitoba.

WR-1 WHITESHELL REACTOR NO. 1. Atomic Energy of Canada Limited. (1973) 6 p.

Background information on the Whiteshell Nuclear Research establishment in Pinawa, Manitoba.

WHITESHELL NUCLEAR RESEARCH ESTABLISHMENT. Atomic Energy of Canada Ltd. (1982) 16 p.

An outline of research activities taking place at the Whiteshell Nuclear Research Establishment.

PETROLEUM

ENERGY UNDER THE SEA. Energy, Mines and Resources Canada. (1982) 28 p.

Exploration and production of petroleum on the Canadian Atlantic offshore.

MAJOR OIL AND GAS FIELDS AND PIPELINES IN CANADA. Energy, Mines and Resources Canada. (1979) 1 p.

A map illustrating Canadian oil and gas fields to 1979.

MANITOBA OIL FACTS. Manitoba Energy and Mines (1985) 1 p.

A general description of the development of oil and natural gas production in Manitoba.

MANITOBA PETROLEUM STATISTICS. Manitoba Energy and Mines (1985) 1 p.

Manitoba petroleum production statistics from 1976-1984.

OIL ACTIVITY REVIEW 1985. Manitoba Energy and Mines (1986).

A summary of 1985 petroleum exploration and development in Manitoba.
(Available April 1986)

OIL FIELDS, PRODUCING AREAS AND MAJOR PIPELINES IN MANITOBA. Manitoba Energy and Mines (1985) 1 p.

A map outlining major oil fields and pipelines throughout Manitoba.

OIL IN MANITOBA. Manitoba Energy & Mines (1985).

A historical guide to Manitoba's petroleum industry with information regarding land tenure, royalty and tax systems and exploration and production techniques.

PETROLEUM IN CANADA. Energy, Mines and Resources Canada. (1979) 12 p.

A history of the petroleum industry in Canada.

PETROLEUM PUBLICATIONS, MAPS AND SERVICES CATALOGUE. Manitoba Energy and
Mines (1984) 95 p.

A catalogue listing publications, maps and services produced by the
Petroleum Branch of Manitoba Energy and Mines.

RESIDENTIAL GENERAL:

ELECTRONIC AIR CLEANERS. Manitoba Hydro. (1983) 3 p.

The operation and efficiency of electronic air cleaners.

ENERFACTS - HOME ENERGY CONSERVATION CHECKLIST. Energy, Mines and Resources Canada. (1983) 2 p.

A checklist of residential energy conservation measures.

HOME IMPROVEMENTS SOLD DOOR TO DOOR. Manitoba Consumers Bureau. (1984) 1 p.

Consumer tips for hiring door to door contractors.

METRIC CONVERSION TABLES. Canada Mortgage and Housing Corporation. (1982) 16 p.

A conversion guide listing imperial and metric weights and measures.

100 WAYS TO SAVE ENERGY AND MONEY IN THE HOME. Energy, Mines and Resources Canada. (1975) 160 p.

A guide for reducing total energy consumption in the home.

OUTDOOR SWIMMING POOL HEATER SIZING GUIDE. Manitoba Hydro. (1983) 3 p.

Recommendations for sizing outdoor swimming pool heaters.

RESIDENTIAL AIR CONDITIONING. Manitoba Hydro. (1983) 6 p.

Tips for selecting, installing and maintaining room air conditioning units.

RESIDENTIAL TIME CLOCKS. Manitoba Hydro. (1982) 1 p.

Background information on different types of residential time clocks.

RESIDENTIAL WATER HEATING EQUIPMENT. Manitoba Hydro (1983) 1 p.

A general outline of various types of electric water heaters, plus a sizing guide.

SUMMER COTTAGES. Manitoba Hydro. (1980) 20 p.

How to design and construct summer cottages with energy efficient building techniques.

SWIMMING POOLS. Manitoba Hydro. (1980) 8 p.

Tips on installing and maintaining outdoor residential swimming pools.

USING ENERGY EFFICIENTLY. Manitoba Hydro. (1983) 5 p.

General tips for conserving energy in the home.

RETROFIT:

AIR INFILTRATION MEASURING DEVICE. Manitoba Energy and Mines. (1982) 1 p.

The development and testing of the air infiltrometer for detecting air infiltration in residences.

Project #7 (80-1) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

ATTIC CONDENSATION. Manitoba Hydro. (1983) 5 p.

The cause of residential attic condensation and practical methods of alleviating the problem.

ATTIC INSULATION. Manitoba Energy and Mines (1986)

(Available in June 1986)

ATTIC VENTILATION IN HOMES. Manitoba Hydro. (1983) 1 p.

Proper installation of attic ventilation after re-insulating.

BASEMENT AND CRAWLSPACE INSULATION. Manitoba Energy and Mines (1986).

CELLULOSE FIBRE INSULATION. Energy, Mines and Resources Canada. (1983) 1 p.

Characteristics and uses of cellulose fibre insulation.

CENTRAL EXHAUST SYSTEMS IN HOMES. Manitoba Hydro. (1983) 1 p.

Background information on central exhaust systems, for humidity control and heat recovery.

CONDENSATION IN THE HOME - WHERE, WHY AND WHAT TO DO ABOUT IT. Canada Mortgage and Housing Corporation. (1982) 30 p.

Practical methods of preventing and controlling condensation in residences.

CRAWL SPACE VENTILATION. Manitoba Hydro. (1983) 1 p.

How to avoid crawl space condensation by installing a moisture barrier and adequate ventilation.

DOORS AND WINDOWS. Manitoba Energy and Mines (1986).

(Available June 1986)

A DOUBLE WALL RETROFIT PROJECT. Ike Warkentin. (1982) 31 p.

Steps taken to perform a double wall retrofit on a Winnipeg home constructed in 1906.

ENERFACTS - CAULKING. Energy, Mines and Resources Canada. (1983) 4 p.

Details for caulking infiltration areas in a home plus a list of caulking compounds to be used.

ENERFACTS: FIRE SAFETY AND ATTIC INSULATION. Energy, Mines and Resources Canada. (1983) 4 p.

Fire preventative measures to undertake when insulating attics.

ENERFACTS - IMPROVING THE ENERGY EFFICIENCY OF WINDOWS. Energy, Mines and Resources Canada. (1983) 2 p.

Methods of improving windows to increase their energy efficiency.

ENERFACTS: INSULATION SUMMARY. Energy, Mines and Resources Canada. (1982) 1 p.

A summary of insulation types outlining advantages, limitations and applications.

ENERFACTS - RETROFITTING COMPACT ROOFS FOR ENERGY CONSERVATION. Energy, Mines and Resources Canada. (1983) 2 p.

Technical considerations for insulating cathedral ceilings and flat roofs.

ENERFACTS: RETROFITTING YOUR MOBILE HOME. Energy, Mines and Resources Canada. (1982) 4 p.

A step-by-step guide for reducing energy consumption in mobile homes, by sealing air leaks and re-insulating.

ENERGY DEMO HOME ENERGY SAVING DEMONSTRATION. Manitoba Energy and Mines
(1985) 96 p. + Appendices 150 p.

The final report of the provincial residential Energy Demo program. Report details 83 Manitoba homes, listing retrofit measures that were implemented and their energy savings.

Project #33 (82-125) of the Manitoba/Canada Conservation and Renewable Energy Program.

ENERGY EFFICIENT RETROFIT. Manitoba Energy and Mines. (1984) 26 p.

The final report of a major residential retrofit undertaken at the Laing resident in New Bothwell, Manitoba.

Project #25 (81-66) of the Manitoba/Canada Conservation and Renewable Energy Agreement.

ENERGY EFFICIENT RETROFIT OF OLDER HOME. Manitoba Energy and Mines.
(1982) 1 p.

Retrofitting an older home to determine increased energy efficiency by adding a continuous vapour barrier, basement insulation, weather sealing and an exterior double wall.

Project #25 (81-66) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

AN EVALUATION OF THE EFFECTIVENESS OF AIR LEAKAGE SEALING: ENER-CORP MANAGEMENT LTD. Manitoba Energy and Mines. (1983) 50 p.

A report outlining air leakage sealing techniques implemented in 82 Manitoba homes and its effectiveness in reducing infiltration and energy consumption.

Project #4 (80-3) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

GLASS FIBRE. Energy, Mines and Resources Canada. (1983) 1 p.

Characteristics and uses of glass fibre insulation.

HOW TO HIRE A CONTRACTOR. Canada Mortgage and Housing Corporation. (1981) 27 p.

Steps to take when hiring a contractor including the contract itself and consumer protection.

INFRARED - AN ENERGY TOOL. United States Department of Energy - Office of Public Affairs. 6 p.

The principles of using infrared cameras as a heat loss detection device.

INSULATED WINDOWS SHUTTERS. B.P.N. #17. National Research Council. (1980) 3 p.

A report on optional methods of insulating windows.

KEEPING THE HEAT IN. Energy, Mines and Resources Canada. (1983) 112 p.

A step by step practical guide to sealing and insulating residential buildings.

MINERAL WOOL. Energy, Mines and Resources Canada. (1983) 1 p.

Characteristics and uses of mineral wool insulation.

POLYSTYRENE. Energy, Mines and Resources Canada. (1983) 3 p.

Characteristics and uses of rigid and loose polystyrene insulation.

POLYURETHANE. Energy, Mines and Resources Canada. (1983) 3 p.

Characteristics and uses of polyurethane insulation.

MOISTURE PROBLEMS IN HOUSES. National Research Council (1984). 3 p.

Causes of excessive moisture problems in homes and remedial measures.

MOULDED POLYETHYLENE AIR VAPOUR BARRIER BOXES. Manitoba Hydro. (1982) 1 p.

Installation procedures for moulded polyethylene air vapour barrier boxes.

PUBLIC HOUSING RETROFIT. Manitoba Energy and Mines. (1982) 1 p.

Various retrofit measures were implemented in 100 identical Winnipeg homes to determine cost effectiveness and energy savings.

Project #5 (80-27) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

RESIDENTIAL AIR INFILTRATION TEST AND SEALING. Manitoba Energy and Mines.
(1982) 1 p.

A five year study to determine air infiltration rates and fuel consumption of 100 homes before and after sealing, caulking and weatherstripping measures are performed.

Project #4 (80-3) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

RETROFITTING TO "DOUBLE E" STANDARDS. Manitoba Hydro. (1983) 32 p.

A step-by-step guideline for residential retrofit, using the "Double E" standards developed by the Canadian Electrical Association.

SEALING, CAULKING & WEATHERSTRIPPING. Manitoba Energy and Mines (1986)

(Available June 1986)

SURVEYING AN OLDER HOUSE: INSPECTION CHECKLIST B.P.N. #47 National
Research Council (1984) 13 p.

A general inspection checklist for potential buyers of older homes.

TENANCY TALK: A CASE OF CONDENSATION. Manitoba Office of the Rentalsman.
(1979) 6 p.

Steps to reduce condensation in the home.

TOWARDS THE BIGGEST RETURN FOR YOUR INVESTMENT. Manitoba Hydro. (1982)
1 p.

An outline of energy savings achieved by performing retrofit measures in existing housing.

VERMICULITE. Energy, Mines and Resources Canada. (1983) 1 p.

Characteristics and uses of vermiculite insulation.

WALL INSULATION. Manitoba Energy and Mines (1986)

(Available June 1986)

THE WINSULSHADE - QUILTED INSULATION BLIND. Canada Mortgage and Housing Corporation (1982) 4 p.

The effectiveness and performance of the Winsulshade blind for reducing heat loss in residences.

SOLAR:

BUILD A SOLAR GREENHOUSE. NOVA - An Alberta Corporation. (1983) 1 p.

Insulation and design considerations for a solar greenhouse.

CANADIAN SOLAR DIRECTORY 1984. Solar Energy Society of Canada (1984)
44 p. \$3.50

A list of all Canadian businesses, professionals and information sources involved in solar and other renewable energy resources.

FACTS ON SOLAR ENERGY: ACTIVE SOLAR HEATING. National Research Council.
(1982) 5 p.

Applications of water and air, active solar heating systems.

FACTS ON SOLAR ENERGY: ENERGY STORAGE IN SOLAR HEATING SYSTEMS. National Research Council. (1982) 3 p.

Energy storage systems used for active and passive solar energy.

FACTS ON SOLAR ENERGY: A LOOK AT SOLAR ENERGY. National Research Council.
(1982) 3 p.

The principles of solar energy with a brief explanation of conduction, convection and radiation.

FACTS ON SOLAR ENERGY: PASSIVE SOLAR HEATING SYSTEM. National Research Council. (1982) 4 p.

A brief outline describing four types of passive solar heating systems.

FLOATING SWIMMING POOL COVERS FOR ENERGY CONSERVATION. B. C. Hydro. (1979)
1 p.

Types of swimming pool covers, and their effectiveness in retaining solar heat.

HOW TO BUILD A SOLAR WATER HEATER. Brace Research Institute. (1979) 18 p.
\$1.50

A step by step guide to building a solar domestic water heater.

NRCC PASSIVE SOLAR TEST FACILITY: PERFORMANCE OF A MASS-WALL UNIT. B.R.N. #216. National Research Council. (1984). 9 p.

The test results of a solar mass-wall unit at N.R.C.

NRCC PASSIVE SOLAR TEST FACILITY: PERFORMANCE OF DIRECT GAIN UNITS. B.R.N. #215. National Research Council. (1984) 18 p.

The test results of a solar direct gain unit at N.R.C.

PASSIVE SOLAR HEATING STUDIES AT THE DIVISION OF BUILDING RESEARCH. BRN #188. National Council (1982) 10 p.

Construction and design features incorporated in the National Research Council passive solar facility.

REPORT ON AN ASSESSMENT OF THE POTENTIAL OF SOLAR ENERGY IN MANITOBA. Manitoba Energy and Mines. (1981) 81 p.

A report which assesses the potential of all aspects of solar energy for use in Manitoba.

A SIMPLE METHOD FOR DETERMINING THE HEATING REQUIREMENTS OF DIRECT GAIN PASSIVE SOLAR HOUSES. B.R.N. #195. National Research Council. (1982) 15 p.

A guide for residential house designers, for determining heating requirements for passive solar dwellings.

SOLAR HEATED SWIMMING POOL. Manitoba Energy and Mines. (1980) 1 p.

The installation of an active solar water heater in the Winkler outdoor swimming pool.

Project #1 (80-26) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

SOLAR HEATED SWIMMING POOL - DELORAINE, MANITOBA. Manitoba Energy and Mines. (1983) 22 p.

The Final Report of the active solar heating system installed at the Deloraine Swimming Pool to heat domestic water for the showers as well as the swimming pool.

Project #8 (80-10) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

SOLAR HEATED SWIMMING POOL - WINKLER, MANITOBA. Manitoba Energy and Mines. (1983) 6 p.

The Final Report of the active solar water heating system installed at the Winkler outdoor swimming pool.

Project #1 (80-26) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

SOLAR HEATING FOR SWIMMING POOLS. Ontario Government Bookstore. (1982) 33 p. \$3.00

Solar heating swimming pools using different types of collectors and the economics of the various systems.

SOLAR HEATING - SWIMMING POOL. Manitoba Energy and Mines. (1981) 1 p.

The implementation of an active solar heating system for the Town of Deloraine's outdoor swimming pool.

Project #8 (80-10) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

SOLAR HOT WATER...A HOMEOWNER'S GUIDE. Energy, Mines and Resources Canada. (1982) 14 p.

The application and operation of solar domestic hot water systems for residences.

THE SOLARIUM PRIMER. National Research Council. (1981) 32 p. \$3.95

Background information on developing a solarium.

SOLPLAN II - SOLAR ENERGY FOR EXISTING HOUSES. The Drawing-Room Graphic Services Limited. (1978) 40 p. \$4.00

A workbook for adding solar heating systems to existing homes.

SOLPLAN V - ENERGY CONSERVING SOLAR HOUSES FOR CANADA. The Drawing-Room Graphic Services Limited. (1981) 80 p. \$5.95

Design features and floor plans for energy efficient passive solar homes.

SUN POWER - WIND POWER. National Research Council. 1 p.

Background information on how solar and wind energy are produced.

VASSAR SOLAR HEATED SWIMMING POOL. Manitoba Energy and Mines.
(1982) 1 p.

To replace the liquid petroleum gas heater at the Vassar swimming pool with an active solar collector and solar blanket.

Project #30 (82-115) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

TRANSPORTATION:

ARE YOU AN ENERGY EFFICIENT DRIVER. Manitoba Energy and Mines. (1984)
14 p.

A test for automobile drivers to determine the energy efficiency of their driving habits.

ARE YOU AND ENERGY EFFICIENT TRUCK DRIVER. Manitoba Energy and Mines.
(1984) 12 p.

A test for commercial truck drivers to determine the energy efficiency of their driving habits.

THE CAR ECONOMY BOOK. Energy, Mines and Resources Canada. (1980) 91 p.

Tips on buying, driving and maintaining your automobile.

CAR ECONOMY CALCULATOR. Energy, Mines and Resources Canada. (1981)

A pocket size conversion slide rule, plus a log for recording fuel consumption of motor vehicles.

CAR WARMERS AND ENGINE BLOCK HEATERS - ENERGY COSTS. Manitoba Hydro.
(1983) 1 p.

Energy consumption and cost of operating interior car warmers and block heaters.

CNG - THE NATURAL ALTERNATIVE TO GASOLINE (BROCHURE). British Columbia
Ministry of Universities, Science and Communications. 1 p.

General background information for converting conventional motor vehicles to compressed natural gas.

AN EMPLOYERS GUIDE TO VANPOOLING. Manitoba Energy and Mines. (1983) 6 p.

The advantages of implementing a vanpool operation from an employers stand point.

THE FEASIBILITY OF CONVERSION TO NON-PETROLEUM POWER SOURCES. Manitoba Energy and Mines. (1983) 205 p.

The Final Report of a study conducted to determine the present and future energy requirements and the potential of developing non-petroleum power sources for the Winnipeg Public Transit System.

Project #16 (80-25) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

FUEL CONSUMPTION GUIDE. Transport Canada.

An annual guide listing fuel consumption of cars and trucks manufactured in that specific year.

FUEL-SAVING POTENTIAL OF ROAD SPEED GOVERNORS ON COMMERCIAL TRUCKS. Manitoba Energy and Mines (1985) 41 p. + Appendix

The final report of a test to determine reduced fuel consumption and efficiency of road speed governors and anti-idling devices for commercial trucking fleets.

Project #47 (82-134) of the Manitoba/Canada Conservation and Renewable Energy Agreement.

FUEL SAVING TIPS. Manitoba Energy and Mines. (1984) 1 p.

Tips for reducing fuel consumption of automobiles.

GASOHOL AND PROPANE FLEET TEST. Manitoba Energy and Mines. (1982) 1 p.

A study to determine the feasibility of using propane and gasohol for commercial vehicles in various areas of Manitoba.

Project #2 (80-18, 80-19) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

GASOHOL FLEET TEST. Manitoba Energy and Mines. (1983) 78 p.

The final report of a demonstration to determine the feasibility of using gasohol in commercial vehicles.

Project #2 (80-18) of the Manitoba/Canada Conservation and Renewable Energy Agreement.

METHANOL FLEET TEST. Manitoba Energy and Mines (1985) 107 p. + Appendix

The final report of a test to demonstrate the efficiency of using methanol based fuels for motor vehicles in Manitoba.

Project #21 (81-51) of the Manitoba/Canada Conservation and Renewable Energy Agreement.

METHANOL VEHICLE FUEL TEST (PHASE II). Manitoba Energy and Mines. (1985)
1 p.

Phase II of a test to determine the efficiency and engine durability of methanol as a vehicle fuel.

Project #21 (81-51) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

NATURAL GAS: AN ALTERNATIVE TRANSPORTATION FUEL. Energy, Mines and Resources Canada. (1983) 16 p.

Background information on vehicle conversions to natural gas.

PROPANE CARBURETION - SOME TECHNICAL CONSIDERATIONS. Energy, Mines and Resources Canada. (1983) 13 p.

Background information on converting a conventional automobile to propane, plus vehicle operation.

PROPANE FLEET TEST. Manitoba Energy and Mines. (1983) 32 p.

The final report of a demonstration to determine the feasibility of using propane in commercial vehicles.

Project #2 (80-19) of the Manitoba/Canada Conservation and Renewable Energy Agreement.

RIDESHARING: A CONCEPT WHOSE TIME HAS COME. Manitoba Energy and Mines. (1983) 6 p.

The advantages of implementing carpools for employees.

ROAD SPEED GOVERNORS AND ANTI-IDLING DEVICES. Manitoba Energy and Mines.
(1984) 1 p.

A test to determine reduced fuel consumption and efficiency of road speed governors and anti-idling devices for commercial trucking fleets.

Project #47 (82-134) of the Manitoba/Canada Conservation and Renewable Energy Agreement.

ROUTE OPTIMIZATION. Manitoba Energy and Mines. (1982) 1 p.

A study to develop a program for route optimization in urban areas, rural distribution systems and a school bus operation.

Project #22 (81-83) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

ROUTE OPTIMIZATION STUDY. Manitoba Energy and Mines. (1984) 56 p.

The final report of a study to determine the feasibility of developing programs for route optimization in urban areas, rural distribution systems and a school bus operation.

Project #22 (81-83) of the Manitoba/Canada Conservation and Renewable Energy Agreement.

TRUCKER'S GUIDE TO ENERGY CONSERVATION. Canadian Trucking Association.
(1980) 21 p.

A maintenance and operating guide for improving energy efficiency in commercial trucks.

VANPOOLING. Manitoba Energy and Mines. (1982) 1 p.

A demonstration to show the feasibility of implementing vanpool systems.

Project #23 (80-8) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

WINNIPEG TRANSIT - FEASIBILITY OF CONVERSION TO NON-PETROLEUM POWER SOURCES.
Manitoba Energy and Mines. (1982) 1 p.

A study to determine present and future energy requirements and the potential of developing non-petroleum power sources for the Winnipeg Public Transit System.

Project #16 (80-25) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

WIND:

ATLANTIC WIND TEST SITE. Atlantic Wind Test site. (1980) 1 p.

Performance and research from the Atlantic Wind Test Site in Prince Edward Island.

SUN POWER/WIND POWER. National Research Council. (1980) 1 p.

General background information on the principles of wind and solar energy.

WIND POWER IN ALBERTA. Alberta Research Council. (1976) 100 p. \$3.00

An introduction to the basics of wind power and its application in Alberta.

APPENDIX A

VERTICAL FILES

AGRICULTURE

AIR CONDITIONING

ALCOHOL FUELS #1

ALCOHOL FUELS #2

APPLIANCES

ATOMIC ENERGY #1

ATOMIC ENERGY #2

ATOMIC ENERGY #3

BIOMASS

CANADA - COAL

CANADA - ENERGY CONSERVATION

CANADA - ENERGY RESEARCH AND DEVELOPMENT

CANADA - HYDRO ELECTRIC POWER

CANADA - NATIONAL ENERGY PROGRAM #1

CANADA - NATIONAL ENERGY PROGRAM #2

CANADA - NATIONAL ENERGY PROGRAM #3

CANADA - NATURAL GAS #1

CANADA - NATURAL GAS #2

CANADA - OIL #1

CANADA - OIL #2

CANADA - OIL #3

CANADIAN GENERAL STANDARDS BOARD

CANERTECH

CEILING FANS

COMPRESSED NATURAL GAS
DEGREE DAYS
DISTRICT HEATING
ENERGY BUS
ENERGY CONSERVATION - CITY PLANNING
ENERGY CONSERVATION - COMMERCIAL AND INDUSTRIAL
ENERGY CONSERVATION MATERIALS - TAX EXEMPT
ENERGY EDUCATION
ENERGY EFFICIENT HOMES #1
ENERGY EFFICIENT HOMES #2
ENERGY INFORMATION CENTRES
GEOTHERMAL ENERGY
GREENHOUSE EFFECT
HEAT EXCHANGERS AND HEAT PUMPS
HEATING
HUMIDITY AND VENTILATION
HYDROGEN
INFILTRATION
INSULATION
LIGHTING
LOANS AND GRANTS - ENERGY CONSERVATION
LOG HOMES
MANITOBA - ALCAN #1
MANITOBA - ALCAN #2
MANITOBA - ALCOA
MANITOBA - ENERGY CONSERVATION
MANITOBA - ENERGY CONSUMPTION
MANITOBA - ENERGY INFORMATION CENTRE

MANITOBA - HYDRO ELECTRIC POWER #1
MANITOBA - HYDRO ELECTRIC POWER #2
MANITOBA - MEGA-PROJECTS
MANITOBA - NATURAL GAS
MANITOBA - OIL
MOBILE HOMES
O.P.E.C.
PEAT
PETRO-CANADA
PROPANE
RETROFIT
SOLAR ENERGY - ACTIVE
SOLAR ENERGY - PASSIVE
SOLAR ENERGY - WATER, POOLS, MISC.
SOLAR GREENHOUSES
THERMOCOUPLES
THERMOGRAPHY
TRANSPORTATION #1
TRANSPORTATION #2
UNDERGROUND HOMES
U.S. - NATURAL GAS
U.S. - OIL
UREA FORMALDEHYDE FOAM INSULATION #1
UREA FORMALDEHYDE FOAM INSULATION #2
WATER HEATERS
WIND POWER
WINDOWS AND DOORS

WOOD HEATING - FIREPLACES, GENERAL INFORMATION

WOOD HEATING - STOVES AND CHIMNEYS

APPENDIX B

PERIODICALS

BIO-JOULE

CANADIAN CONSUMER

HARROWSMITH

SCIENCE DIMENSION

SOLPLAN REVIEW

APPENDIX C

PUBLICATIONS SOURCE LIST

Agriculture Canada
Communications Branch
Ottawa, Ontario.
K1A 0C7

Alberta Agriculture
Publications Office
9718 - 107th Street
Edmonton, Alberta.
T5K 2C8

Alberta Energy & Natural Resources
2nd Flr. Highfield Place
10010 - 106 Street
Edmonton, Alberta.
T5K 2L9

Alberta Housing
Innovative Housing Grants Program
Fourth Floor 10050 - 12th St.
Edmonton, Alberta
T5K 2J1

Alberta Research Council
11315 - 87th Avenue
Edmonton, Alberta.
T6G 2C2

Atlantic Wind Test Site
P.O. Box 189
Tignish, Prince Edward Island.
C0B 2B0

Atomic Energy of Canada Limited
Whiteshell Nuclear Research Establishment
Pinawa, Manitoba.
R0E 1L0

The Biomass Energy Institute
1329 Niakwa Road
Winnipeg, Manitoba.
R2J 3T4

Brace Research Institute
McDonald College
McGill University
P.O. Box 900
Ste. Anne de Belleville Sud
Montreal, Quebec.

B. C. Hydro
Community Liaison Supervisor
6th Flr. - 625 Howe Street
Vancouver, B.C.
V6C 2T6

B. C. Ministry of Energy, Mines
& Petroleum Resources
2006 - 1177 W. Hastings Street
Vancouver, B.C.
V6E 2L7

B.C. Ministry of Universities,
Science & Communications
Science & Technology Branch
Third Flr. - 756 Fort Street
Victoria, B.C.
V8V 1X4

Canada Mortgage & Housing Corporation
Cashier Financial Services Division
P.O. Box 9975
Ottawa, Ontario.
K1A 0P7

Canadian Electrical Association
580 - #1 Westmount Square
Montreal, Quebec.
H3Z 2P9

Canadian General Standards Board
Place du Portage
Phase III
11 Laurier Street
Hull, Quebec.
K1A 1G6

Canadian Government Publishing Centre
Supply & Services Canada
Ottawa, Ontario.
K1A 0S9

Canadian Home Builders Association
20 Toronto St., Suite 400
Toronto, Ontario
M5C 2B8

Canadian Housing Information Centre
C.M.H.C.
National Office
Montreal Rd.
Ottawa, Ontario
K1A 0P7

Canadian Standards Association
178 Rexdale Blvd.
Rexdale, Ontario.
M9W 1R3

Canadian Trucking Association
300 - 130 Albert Street
Ottawa, Ontario.
K1P 5G4

Canadian Wood Council
85 Albert Street
Ottawa, Ontario.
K1P 6A4

Consumer & Corporate Affairs Canada
201 - 260 St. Mary Avenue
Winnipeg, Manitoba.
R3C 0M6

Consumer Bureau
307 Kennedy Street
Winnipeg, Manitoba.
R3C 0V8

The Drawing-Room Graphic Services Limited
P.O. Box 86627
North Vancouver, B.C.
V7L 4L2

Energy, Mines & Resources Canada
Communications Branch
Publications Department
580 Booth Street
Ottawa, Ontario.
K1A 0E4

Environment Canada
Enquiry Centre, Information Directorate
Ottawa, Ontario.
K1A 0H3

Harrowsmith Magazine
Camden East, Ontario.
KOK 1J0

C. D. Howe Research Institute
2064 Sun Life Bldg.
1155 Metcalfe Street
Montreal, Quebec.
H3B 2X7

Manitoba Energy & Mines
Information Centre
117 - 234 Donald St.
Winnipeg, Manitoba.
R3C 1M8

Manitoba Labour & Manpower
Mechanical & Engineering Branch
Room 500 - Norquay Bldg.
401 York Avenue
Winnipeg, Manitoba.
R3C 0P8

Manitoba Housing & Renewal Corporation
287 Broadway Avenue
Winnipeg, Manitoba.
R3C 0R9

Manitoba Hydro
820 Taylor Avenue
P.O. Box 815
Winnipeg, Manitoba.
R3C 2P4

Manitoba Office of the Rentalsman
307 Kennedy Street
Winnipeg, Manitoba.
R3C 0V8

National Energy Board
473 Albert Street
Ottawa, Ontario.
K1A 0E5

National Research Council
Publications Sales & Distribution Office
Bldg. M - 58 Montreal Road
Ottawa, Ontario.
K1A 0R6

NOVA - An Alberta Corporation
P.O. Box 2330
9888 Jasper Avenue
Edmonton, Alberta.
T5J 2R1

Nova Scotia Department of Mines & Energy
P.O. Box 668
Halifax, Nova Scotia.
B3J 2T3

Ontario Government Bookstore
Publications Services Section
5th Flr. - 880 Bay Street
Toronto, Ontario.
M7A 1N8

Ontario Hydro
700 University Avenue
Toronto, Ontario.
M5G 1X6

Ontario Ministry of Energy
Publication Department
12th Flr. - 56 Wellesley Street W.
Toronto, Ontario.
M7A 2B7

Ontario Ministry of Municipal Affairs
& Housing
4th Flr. - Hearst Block
Queen's Park
Toronto, Ontario.
M7A 2K5

Public Works Canada
Property Administration
Room A-3344, Sir Charles Tupper Bldg.
Confederation Heights
Ottawa, Ontario.
K1A 0M2

Renewable Energy in Canada
41 Riverdale Avenue
Toronto, Ontario.
M6R 2Z7

Transport Canada
Public Affairs Branch
Ottawa, Ontario.
K1A 0N5

United States Department of Energy
Office of Public Affairs
Washington, D.C. 20585
U.S.A.

University of Manitoba Bookstore
Student Union Bldg.
University of Manitoba
Winnipeg, Manitoba.
R3T 2N2

University of Saskatchewan
Department of Mechanical Engineering
Saskatoon, Saskatchewan.
S7N 0W0

Ike Warkentin
Box 50, Group 32
R.R. #1B
Winnipeg, Manitoba.
R3C 4A3

Winnipeg Construction Association
290 Burnell Street
Winnipeg, Manitoba.
R3G 2A7